

20030730.qrp v02\_n997.qrl.20030730

Date: Wed, 30 Jul 2003 19:03:13 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2997

QRP-L Digest 2997

Topics covered in this issue include:

- 1) [155125] Re: Well Known Contester Falls From Tower  
by Rick McKee <kc8aon@juno.com>
- 2) [155126] Re: Elmer 160: Why the parts?  
by M Taylor <mctylr@privacy.nb.ca>
- 3) [155127] Re: Atmel STK200 Starter Kit  
by "w8diz" <w8diz@cinci.rr.com>
- 4) [155128] Elmer 160  
by "Bill Linn" <blinn@smgazette.com>
- 5) [155129] Elmer 160: el cheapo programmer  
by pdbuck@earthlink.net
- 6) [155130] Safety - Lessons Learned  
by Brian Short <bshort4@cox.net>
- 7) [155131] Re: Elmer 160: el cheapo programmer  
by Dale Botkin <dale@botkin.org>
- 8) [155132] Re: Elmer 160  
by "David Rogers" <dr7zyq@imbris.net>
- 9) [155133] FS: psk-80  
by "Mitch, W4OA" <w4oa@vibroplex.com>
- 10) [155134] Re: Elmer 160: Why the parts?  
by "Tim, N9PUZ" <n9puz@arrl.net>
- 11) [155135] Re: Wein Bridge question.  
by Jeff Furman <jfurman@ocs.net>
- 12) [155136] Re: Wein Bridge question. (fwd)  
by Jeff Furman <jfurman@ocs.net>
- 13) [155137] Re: sO, THE CW IS A SNAP HUH?  
by Bruce Muscolino <w6toy@erols.com>
- 14) [155138] Re: Elmer 160  
by "Dave Ek" <ekdave@earthlink.net>
- 15) [155139] Re: Safety - Lessons Learned  
by "Lee Mairs" <lmairs@direcway.com>
- 16) [155140] Re: Elmer 160  
by w9ya <w9ya@arrl.net>
- 17) [155141] Using the computer to learn CW  
by "Norman Schklar" <norman@schklar.com>
- 18) [155142] Re: Elmer 160: el cheapo programmer  
by "Brad Hernlem" <alihernlem@hotmail.com>
- 19) [155143] Elmer 160 - Hold Ur Suggestions

- by Brian Mileschosky <n5zgt@swcp.com>
- 20) [155144] Re: Elmer 160  
by Paul <mooney@cytanet.com.cy>
- 21) [155145] Elmer 160 [Newbies, Prgmmer -- serial vs parallel ]  
by Chuck Carpenter <w5usj@9plus.net>
- 22) [155146] Elmer 160 -- Newbie info and resources  
by Chuck Carpenter <w5usj@9plus.net>
- 23) [155147] Re: Elmer 160 - Hold Ur Suggestions  
by w9ya <w9ya@arrl.net>
- 24) [155148] Re: Elmer 160  
by w9ya <w9ya@arrl.net>
- 25) [155149] K1 is sold  
by k7gt@comcast.net
- 26) [155150] Re: s0, THE CW IS A SNAP HUH?  
by "Mike Yetsko" <myetsko@insydesw.com>
- 27) [155151] Web Page Update  
by "Steve McDonald" <jsm@gulfislands.com>
- 28) [155152] Re: s0, THE CW IS A SNAP HUH?  
by Jim Eshleman <jce0@Lehigh.EDU>
- 29) [155153] FOR SALE FINAL UPDATE  
by Michael Goins <mgoins@usa.net>
- 30) [155154] Re: s0, THE CW IS A SNAP HUH?  
by "Dale Botkin" <dale@botkin.org>
- 31) [155155] Austin Summerfest QRP events, time change on dinner Fri.  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 32) [155156] Re: s0, THE CW IS A SNAP HUH?  
by kwike@gdls.com
- 33) [155157] Re: s0, THE CW IS A SNAP HUH?  
by "Mike Yetsko" <myetsko@insydesw.com>
- 34) [155158] Unlearning CW IS A SNAP HUH?  
by "Mike Yetsko" <myetsko@insydesw.com>
- 35) [155159] about that SNAP CW  
by hamjoel@juno.com

-----  
Date: Tue, 29 Jul 2003 18:36:04 -0400  
From: Rick McKee <kc8aon@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [155125] Re: Well Known Contester Falls From Tower  
Message-ID: <20030729.183719.8950.3.kc8aon@juno.com>

I never "belt in" ! But of course I have a hinged base on the tower and just lay it down when work is to be done ! Haven't even seen many towers that I'd trust with my 350 pounds on it ! SAFETY FIRST !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl  
SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX

QRP-L #2112, FPqrp #33, AR QRP #269  
I'll give up CW when I'm dead ! MAYBE !

On Tue, 29 Jul 2003 13:42:12 -0400 "Dean-NR2V/4" <nr2v@northnet.org>  
writes:

>  
>  
>I was just going thru some old un-read mail and came across this.  
>As a 38 year old ham, licensed in 1977, myself, you can bet it strikes  
>a  
>cord here.  
>  
>It scares me to think of how many times I have said, and DONE  
>something  
>like " Awe I don't need to belt in I'm only cutting a couple of  
>feedline  
>ties, heck it will take twice as long to belt in, as it will to do the  
>job"  
>  
>Always,always,always, everytime, no matter for what reason, or how  
>long-  
>Belt in !!!!  
>  
>  
>72/73 all,  
>Dean  
>May God rest Steve's soul.  
>  
>  
>  
>-----Original Message-----  
>From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf  
>Of Ed Tanton  
>Sent: Saturday, June 21, 2003 12:51 AM  
>To: Low Power Amateur Radio Discussion  
>Subject: FWD: Well Known Contester Falls From Tower  
>  
>I urge everyone to be careful.  
>  
>==>WELL-KNOWN CONTESTER, DXer DIES IN FALL FROM TOWER  
>  
>Well-known contester and DXer Steve Miller, N8SM (ex-WD8IXE), of  
>Prosper,  
>Texas, died June 15 as a result of a fall while working on his Amateur  
>Radio tower. He was 38. An ARRL member, Miller had extensive  
>experience  
>in

>tower work and antenna installation  
>  
><snip>  
>  
>First licensed as WD8IXE in 1977 at the age of 12, Miller  
>  
>

---

The best thing to hit the internet in years - Juno SpeedBand!  
Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

---

Date: Wed, 30 Jul 2003 00:08:01 +0100  
From: M Taylor <mctylr@privacy.nb.ca>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [155126] Re: Elmer 160: Why the parts?  
Message-ID: <20030730000801.A22667@pull.privacy.nb.ca>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Tue, Jul 29, 2003 at 04:55:36PM -0500, Joe Martin wrote:

>  
> not contain the board you want that the parts are for, to get the board,  
> you need to get the book it is includes with and also you get a cd that  
> you use in conjunction with the book. from just what I've read at the  
> site today the book kit is a really great bargain.  
> I am simply passing on what I've learned and since the book was  
> published in 2000 there's a good possibility we can find copies in major  
> book stores and possibly at Fry's, I'll call around tomorrow and see  
> what I can find out here in the DFW area.  
> Here's the info I got off of the Amazon site.ISBN:0071361723  
> Average Customer Rating:3 1/2 stars out of 5  
> based on 45 reviews.  
>  
> "Programming and Customizing the PICMicro"

Programming & Customizing PICmicro Microcontrollers  
by Myke Predko  
2nd edition, 2000

I have a copy of the book, have built the "el cheapo programmer", and  
would say the book has lots of great details in it, but it has been poorly  
edited. The book quality is more of Tab Books than McGraw-Hill. It would

likely make a good reference, but because of the various technical and proof-reading mistakes, it would be very distracting for most readers as a first tutorial. Anyone without knowledge of CPUs and assembly may find it overwhelming at times too.

Myke Predko's website: <http://www.myke.com/>  
El Cheapo programmer: <http://www.myke.com/elcheapo.htm>

You might look at \_Easy Microcontrol'n\_ by David Benson  
<<http://www.sq-1.com/>>, I do not have a copy, but have seen many good things said about it, under it's previous name (Easy PIC'n).

-ve1mct

-----  
Date: Tue, 29 Jul 2003 19:52:38 -0400  
From: "w8diz" <w8diz@cinci.rr.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [155127] Re: Atmel STK200 Starter Kit  
Message-ID: <003701c3562c\$7da1eea0\$b8cf1d41@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Hi gang,

Any of you have or know of a "Atmel STK200 Starter Kit" ?  
I have one and need a little help.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W  
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

-----  
Date: Tue, 29 Jul 2003 17:17:08 -0700  
From: "Bill Linn" <blinn@smgazette.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [155128] Elmer 160  
Message-ID: <002601c3562f\$eb279f80\$d770ef42@wa7tqk>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sounds like a whole bunch of fellows are experienced and well equipped PIC programmers? (And some have differing ideas concerning the approach to elmering.) I signed on knowing that I'm at ground ZERO in this department. Been thinking about taking the plunge on my own but it all seems complicated and confusing, not knowing one chip from the next. So, you fellows with the know-how, please don't further confuse this project by throwing information at us newbies. Instead let John know your thoughts and willingness to help, then he can continue to coordinate and organize this BASIC elmering series. I'm anxious to learn, but patient and appreciative to John for taking on this project and will wait on his instructions before plunging ahead.

Looking forward to the studies.

Bill - WA7TQK

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Date: Tue, 29 Jul 2003 19:45:01 -0500  
From: pdbuck@earthlink.net  
To: qrp-l@lehigh.edu  
Subject: [155129] Elmer 160: el cheapo programmer  
Message-ID: <9694HB673YWONLINJ7WU7WUUTTPQN.3f27150d@k9>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Howdy,

On the El Cheapo programmer, I followed the link from the glitchbuster site to the site for the guy who wrote the book mentioned below. There I found that the programmer circuit had been updated from the book, and the new schematic was posted on the site. I saved the schematic and plan on making my own board via manhattan construction. So I ordered the glitchbuster el cheapo programmer, but will probably pass on the book. It looks like a good one, but I'm cheap and

already have a decent PIC book. That and the 160 tutorial/project should do for me.

<http://www.myke.com/elcheapo.htm>

73,  
Preston, n0g1m

Date: Tue, 29 Jul 2003 16:55:36 -0500  
From: Joe Martin <km5cw@arrl.net>  
To: qrp-1@Lehigh.EDU  
Subject: [155124] Re: Elmer 160: Why the parts?  
Message-ID: <3F26ED58.8040804@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Fletcher, Michael wrote:

> There are several inexpensive kits already out there between \$9.95  
>and \$19.95. Seems like a good prerequisite to get a kit and immediately  
>focus on the programming. I think most folks already know how to burn  
>solder.

>  
>

Well I haven't received any messages from qrp-1 for about 4 hours, so I don't know if my first post came through or not, so much for spontaneity on a reflector <g>. At any rate the afore mentioned 9.95 parts kit does not contain the board you want that the parts are for, to get the board, you need to get the book it is includes with and also you get a cd that you use in conjunction with the book. from just what I've read at the site today the book kit is a really great bargain.

I am simply passing on what I've learned and since the book was published in 2000 there's a good possibility we can find copies in major book stores and possibly at Fry's, I'll call around tomorrow and see what I can find out here in the DFW area.

Here's the info I got off of the Amazon site. ISBN:0071361723

Average Customer Rating:3 1/2 stars out of 5  
based on 45 reviews.

"Programming and Customizing the PICMicro"

ck it out

"Programming and Customizing the PICMicro"

\$28.99-\$49.95

Please click this link for more details

<http://shopping.search.aol.com/ns/product?PID=A0000AJ50F>

If you are not able to click on this link:

1. With your mouse, highlight the Web Address above.
2. Select "Copy" from the Edit menu at the top of your screen.
3. Paste the address into your Web browser by selecting "Paste" from the Edit menu.
4. Click "Go" on your browser or press "Return/Enter" on your keyboard.

> Although not the one I obtained before the Elmer 160 idea came up,  
> this site has inexpensive kits to immediately order to get the ball  
> rolling: [http://www.glitchbuster.com/el\\_cheapo\\_kit.htm](http://www.glitchbuster.com/el_cheapo_kit.htm)  
> My kit included a 16F628 so that's another feature worth looking for.  
> 72,  
> Mike KL7IXI/7  
> Poulsbo, WA  
>  
>  
>

--

Dallas-Stuck in the

-----  
Date: Tue, 29 Jul 2003 22:13:51 -0400  
From: Brian Short <bshort4@cox.net>  
To: Low Discussion <qrp-l@Lehigh.EDU>  
Subject: [155130] Safety - Lessons Learned  
Message-ID: <765EFCCF-C233-11D7-948D-00306543B616@cox.net>  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Mime-Version: 1.0 (Apple Message framework v552)  
Content-Transfer-Encoding: 7bit

I am no expert on tower installation or maintenance, but I  
have put up a couple by now and lived to tell about it.  
I don't like to prescribe for others, but in my experience -

Tilt-over and crank-up towers can also be extremely  
dangerous.



Never work on an extended crank-up tower. Not even if it is only partially extended.

Think carefully about the forces present in tilting a tower and stay out of the path where it would fall if the worst happened. "Don't be under it!"

On a lighter note, my wife fell off a 4 foot ladder putting up window blinds and broke her ankle/foot/leg in 3 places. She now has 8 screws and a plate or something like that. Hopefully, in another couple months she will be able to walk on it again. (Don't ask me about my Summer.)

Know how to use ladders safely!

Even small, apparently simple jobs can be dangerous.

On Tuesday, July 29, 2003, at 06:36 PM, Rick McKee wrote:

> I never "belt in" ! But of course I have a hinged base on the tower  
> and  
> just lay it down when work is to be done ! Haven't even seen many  
> towers  
> that I'd trust with my 350 pounds on it ! SAFETY FIRST !  
>  
> 72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl  
> SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX  
> QRP-L #2112, FPqrp #33, AR QRP #269  
> I'll give up CW when I'm dead ! MAYBE !

--

See my web page: <http://www.k7on.com>

-----  
Date: Tue, 29 Jul 2003 22:24:34 -0500 (CDT)  
From: Dale Botkin <dale@botkin.org>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [155131] Re: Elmer 160: el cheapo programmer  
Message-ID: <Pine.LNX.4.33.0307292203450.19321-1000000@madmax.botkin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Folks,

I have to step in for just a moment on this. I am also a member of and

one of the list admins for the PICList, a large, high traffic mailing list for PIC users. It's a big part of why PICs are so popular and easy to use, the QRP-L of the PIC world and then some. If you want to join, you can find instructions and a FAQ at [www.piclist.com](http://www.piclist.com). I will warn you the message traffic can get a little heavy some days, though you can limit which topics you receive. And watch out for the resident list curmudgeon, I've reminded him the title is largely ceremonial but he does enjoy eating newbies on occasion.

A couple of the frequently recurring topics are "Which programmer should I buy/build", and "Why doesn't my El Cheapo programmer work?" Myke Predko, the El Cheapo's originator is on the list too. It works with some computers and not others, apparently depending at least in part on how it's built and whether the host computer's port uses voltages in an acceptable range. It seems to have been very popular, but also a source of some frustration for a good number of users.

There are several very good programmers out there, and tons of lousy or flaky or might-might-not-work designs. I personally have been using a \$59 EPIC+ from MicroEngineering Labs for several years on numerous computers with a wide range of PICmicros with a 100.0% success rate. It's the only one I have personal experience with. The Microchip Picstart+ is also supposed to be good. I have been told the programmers and prototype boards from Olimex are good, as well as those from Dontronics and several other places. Some people have had good luck building their own, some have not.

72,

Dale - NOXAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

-----  
Date: Tue, 29 Jul 2003 20:35:43 -0700

From: "David Rogers" <[dr7zyq@imbris.net](mailto:dr7zyq@imbris.net)>

To: <[blinn@smgazette.com](mailto:blinn@smgazette.com)>,

"Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>

Subject: [155132] Re: Elmer 160

Message-ID: <[003701c3564b\\$a8c7ace0\\$618f12d8@dr7zyq](mailto:003701c3564b$a8c7ace0$618f12d8@dr7zyq)>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ditto from here.

David, WA7ZYQ

----- Original Message -----

From: "Bill Linn" <blinn@smgazette.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, July 29, 2003 5:17 PM

Subject: Elmer 160

> Sounds like a whole bunch of fellows are experienced and well equipped PIC  
> programmers? (And some have differing ideas concerning the approach to  
> elmering.) I signed on knowing that I'm at ground ZERO in this  
department.

> Been thinking about taking the plunge on my own but it all seems  
complicated

> and confusing, not knowing one chip from the next. So, you fellows with  
> the know-how, please don't further confuse this project by throwing  
> information at us newbies. Instead let John know your thoughts and  
> willingness to help, then he can continue to coordinate and organize this  
> BASIC elmering series. I'm anxious to learn, but patient and  
appreciative

> to John for taking on this project and will wait on his instructions  
before

> plunging ahead.

>

> Looking forward to the studies.

>

> Bill - WA7TQK

>

> ---

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>

-----  
Date: Wed, 30 Jul 2003 03:30:32 -0000

From: "Mitch, W4OA" <w4oa@vibroplex.com>

To: <qrp-1@qrp.lehigh.edu>

Subject: [155133] FS: psk-80

Message-ID: <DHEMJDDJJAKLLAELJBKJEIEALCAAA.w4oa@vibroplex.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

built and tested, shipped, for the  
kit price of \$45.00...

mitch, w4oa  
w4oa@vibroplex.com

---

Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.502 / Virus Database: 300 - Release Date: 7/18/2003

-----

Date: Tue, 29 Jul 2003 22:30:37 -0500  
From: "Tim, N9PUZ" <n9puz@arrl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [155134] Re: Elmer 160: Why the parts?  
Message-ID: <2003729223139.466874@EOS>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

On Wed, 30 Jul 2003 00:08:01 +0100, M Taylor wrote:

>You might look at \_Easy Microcontrol'n\_ by David Benson  
><<http://www.sq-1.com/>>, I do not have a copy, but have seen=  
many  
>good things said about it, under it's previous name (Easy=  
PIC'n).

I have five of the books from this series. All are good but I=  
know several  
people who've gone the self taught route using the first one=  
mentioned here  
and they all thought it worked well for them.

Tim, N9PUZ

-----

Date: Tue, 29 Jul 2003 20:33:14 -0700 (PDT)  
From: Jeff Furman <jfurman@ocs.net>  
To: banner <banner@texhoma.net>  
Cc: qrp-l@lehigh.edu  
Subject: [155135] Re: Wein Bridge question.  
Message-ID: <Pine.LNX.4.21.0307291849440.11278-100000@ocs.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Stew, no one has complained about it, so I don't know if it was ever built. After I wrote that, I eventually built a 'Pixie' replacing the LM386 with a two transistor amplifier. I added sidetone into that circuit, but I used a phase shift oscillator (3 rc sections) instead of the wien bridge circuit. The usual phase shift oscillator circuit with three equal rc sections requires an inverting amplifier with a gain of 29 which was available in the second stage of the amplifier. The wien bridge needs an amplifier with a non inverting gain of three, so, these two oscillator circuits might be insinuated into the middle of different available amplifiers. (Actually, a slightly modified wien bridge network can use a gain of two amplifier: instead of both r's and both c's equal, make the shunt r double and make the shunt c half. This was used in the HP model 200CD oscillator in 1952, about 14 years after the original HP wien bridge oscillator was introduced.)

I can guess that the LM386 sidetone circuit really needs a 2.5k pot with the wiper used as the (adjustable) tap instead of a fixed 2.4k fixed resistor. I found a copy of the article if you need it. Are you aware of the RIT mod I described for the PIXIE? That is more straightforward than the sidetone and the idea is probably good for any fixed tuned transciever that uses a crystal. I encourage you to try whatever mods you want to include before you order 1000's of boards. When I use ugly construction, the mods are invisible, since there's no neatness aspect to upset. Think of the difference between 'manhattan' and ugly construction as the difference between a perfect, round cut diamond and a ball of mud. When you try to add anything to the diamond, its shape is distorted and its perfection is lost, but, adding to a ball of mud, well, just makes a ball of mud, so no problem. (I think that was the description of the difference between Pascal and LISP, to try to acknowledge the source.)

73, Jeff AD6MX

On Tue, 29 Jul 2003, banner wrote:

```
> >>>
> >>> ----- Forwarded message -----
> >>> Date: Thu, 24 Jul 2003 14:24:51 -0700 (PDT)
> >>> From: Jeff Furman <jfurman@ocs.net>
> >>> To: banner <banner@texhoma.net>, qrp-1@lehigh.edu
> >>> Subject: Re: Wein Bridge question.
> >>>
> >>> Stew, the reason I put the two resistors, r5 and r6 in parallel was a
> >>> simple way to assure the series resistor in the wien network (r5 || r6) is
> >>> the same value as the shunt resistor (r1 || r2). Recall the
> >>> equivalent resistance looking into a voltage divider is the two resistors
```

> >>> in parallel (the battery is assumed to be very low internal resistance  
> >>> and the amplifier input resistance is assumed to be large  
> >>> relative to the other resistor values because there is a lot of  
> >>> feedback.)  
>  
>  
> Jeff,  
>  
> Now, one other question. Way back in '96 you "suggested" a Wein bridge  
> circuit for the Pixie 2. It seems as if I've been "tweaking" a Pixie  
> schematic since day one, and am about ready to etch a prototype board that  
> incorporates multiple mods. But everytime I think I'm ready, something new  
> crops up to change my way of thinking.  
>  
> Did you ever get any feedback on the "speculative" bridge circuit you  
> wrote about in the Sept '96 QRPP?  
>  
> Thanks.  
>  
> Stew, KD5DL  
>

-----  
Date: Tue, 29 Jul 2003 21:06:50 -0700 (PDT)  
From: Jeff Furman <jfurman@ocs.net>  
To: Nick Kennedy <nkennedy@tcainternet.com>  
Cc: banner <banner@texhoma.net>, qrp-1@lehigh.edu  
Subject: [155136] Re: Wein Bridge question. (fwd)  
Message-ID: <Pine.LNX.4.21.0307292103410.11278-1000000@ocs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just uncovered a web site that has a pdf copy of Bill Hewlett's 1939 Stanford thesis. This formed the basis for the founding instrument of the Hewlett-Packard Company.  
<http://www.engr.sjsu.edu/~adavis/Web02/Williams.htm>  
73, Jeff AD6MX

-----  
Date: Wed, 30 Jul 2003 07:32:24 -0400  
From: Bruce Muscolino <w6toy@erols.com>

To: dale@botkin.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [155137] Re: s0, THE CW IS A SNAP HUH?  
Message-ID: <3F27ACC8.C33468AB@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Painful? The correct answer is it was the gentlemanly thing to do. You had a choice of making that contact, you could have tuned away and not responded if you thought it would be painful. I think a true ham will take on any contact. There are others who need practice too.

73

-----  
Date: Wed, 30 Jul 2003 06:19:39 -0600  
From: "Dave Ek" <ekdave@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [155138] Re: Elmer 160  
Message-ID: <000e01c35694\$d9a28080\$6801a8c0@dad>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

A couple more thoughts on the subject of PICs:

1) One other programmer that seems to have flown under the radar for the most part is the Warp 13a from Newfound Electronics. It emulates the Microchip Picstart+, meaning that Microchip's MPLAB software can program it directly--no need for separate programming software. It also runs from the serial port, not the parallel port, a plus in my book (but maybe not yours...). It's around \$90, a little more pricey than some of the cheapo programmers but worth it if you do quite a bit of PIC work. It has a ZIF socket and will program almost all the PIC chip types. You can see it at

[www.newfoundelectronics.com](http://www.newfoundelectronics.com)

I bought mine from Junun Robotics:

<http://www.junun.org/MarkIII/Store.jsp>

They sell it without the serial cable or wall wart (but offer those

separately), so if you have those laying around you can save a few bucks.

2) I agree that Dave Benson's books are good. One other resource you need is the data sheet from Microchip. Microchip's data sheets are THE reference for their PICs, of course, and are crammed with info, but you wouldn't want to rely on them to teach you beginning PIC usage. Once you get the hang of it, though, the datasheets are indispensable. The datasheet for the PIC16F84 is at

<http://www.microchip.com/download/lit/pline/picmicro/families/16f8x/30430c.pdf>

73 de Dave NK0E

-----  
Date: Wed, 30 Jul 2003 08:21:25 -0400  
From: "Lee Mairs" <lmairs@direcway.com>  
To: <bshort4@cox.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [155139] Re: Safety - Lessons Learned  
Message-ID: <011d01c35695\$19913b50\$2202a8c0@J4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> On a lighter note, my wife fell off a 4 foot ladder putting  
> up window blinds and broke her ankle/foot/leg in 3 places.  
> She now has 8 screws and a plate or something like that.

OK Brian. Why don't you just start sending us all your gear now. In return, we won't forward this little quote to your XYL!

73 de Lee  
km4yy/8

----- Original Message -----  
From: "Brian Short" <bshort4@cox.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, July 29, 2003 10:13 PM  
Subject: Safety - Lessons Learned

>  
> I am no expert on tower installation or maintenance, but I  
> have put up a couple by now and lived to tell about it.



> I don't like to prescribe for others, but in my experience -  
>  
> Tilt-over and crank-up towers can also be extremely  
> dangerous.  
>  
> Never work on an extended crank-up tower. Not even if  
> it is only partially extended.  
>  
> Think carefully about the forces present in tilting a tower  
> and stay out of the path where it would fall if the worst  
> happened. "Don't be under it!"  
>  
> On a lighter note, my wife fell off a 4 foot ladder putting  
> up window blinds and broke her ankle/foot/leg in 3 places.  
> She now has 8 screws and a plate or something like that.  
> Hopefully, in another couple months she will be able to  
> walk on it again. (Don't ask me about my Summer.)  
>  
> Know how to use ladders safely!  
>  
> Even small, apparently simple jobs can be dangerous.  
>  
>  
> On Tuesday, July 29, 2003, at 06:36 PM, Rick McKee wrote:  
> > I never "belt in" ! But of course I have a hinged base on the tower  
> > and  
> > just lay it down when work is to be done ! Haven't even seen many  
> > towers  
> > that I'd trust with my 350 pounds on it ! SAFETY FIRST !  
> >  
> > 72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl  
> > SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX  
> > QRP-L #2112, FPqrp #33, AR QRP #269  
> > I'll give up CW when I'm dead ! MAYBE !  
>  
> --  
> See my web page: <http://www.k7on.com>  
>  
>

-----  
Date: Wed, 30 Jul 2003 08:09:08 -0500  
From: w9ya <w9ya@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [155140] Re: Elmer 160  
Message-ID: <200307300809.08818.w9ya@arrl.net>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Um, I am thinking about doing this course. However since I run linux will this limit my participation ?

Bob  
w9ya

On Wednesday 30 July 2003 07:19 am, Dave Ek wrote:

> Gang,  
>  
> A couple more thoughts on the subject of PICs:  
>  
> 1) One other programmer that seems to have flown under the radar for the  
> most part is the Warp 13a from Newfound Electronics. It emulates the  
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> yours...). It's around \$90, a little more pricey than some of the cheapo  
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> socket and will program almost all the PIC chip types. You can see it at  
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> [www.newfoundelectronics.com](http://www.newfoundelectronics.com)  
>  
> I bought mine from Junun Robotics:  
>  
> <http://www.junun.org/MarkIII/Store.jsp>  
>  
> They sell it without the serial cable or wall wart (but offer those  
> separately), so if you have those laying around you can save a few bucks.  
>  
> 2) I agree that Dave Benson's books are good. One other resource you need  
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> it, though, the datasheets are indispensible. The datasheet for the  
> PIC16F84 is at  
>  
> [http://www.microchip.com/download/lit/pline/picmicro/families/16f8x/30430c.](http://www.microchip.com/download/lit/pline/picmicro/families/16f8x/30430c.pdf)  
>pdf  
>  
> 73 de Dave NK0E

-----  
Date: Wed, 30 Jul 2003 09:12:33 -0400  
From: "Norman Schklar" <norman@schklar.com>  
To: <qrp-l@lehigh.edu>  
Subject: [155141] Using the computer to learn CW  
Message-ID: <~!  
UENERkVCMDkAAQACAAAAAAAAAAAAAAAAABgAAAAAAAAAf0aS2LTNrEW6u0ehmwAhKcKEAAQAAAAId/P/  
Q5nGkiYKknWyR/lwwEAAAAA@schklar.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Although I've seen some chatter about CW, I have not seen a link to this  
site listed recently, so I thought I would send it out. =20  
I found the software listed on this web site to beneficial in improving =  
my  
CW.  
<http://www.qsl.net/g4fon/>=20

About a year ago I decided I would actually use cw. Sure I passed a =  
test  
30+ years ago, but I didn't use cw. It was astonishing to me that =  
there  
were so many hams on the band that had the patience to communicate at =  
the  
slow speed I was using. I also found that anything over about 12 wpm is  
acceptable to most operators. The number of QSO's I run into at =  
better than  
20 wpm is actually slim. I'm currently stuck at about 18 wpm. I try =  
to  
make at least one contact a day. I probably need four or five to get to =  
25  
wpm, but that's another story.

A couple months ago I entered the QRP world by building a RM-40. It =  
worked,  
and I've made some contacts. It will take me a lot longer to get it =  
mounted  
in a box than it took to build.

Norm Schklar, WA4ZXV  
Norcross, GA wa4zxv@arrl.net, 770-840-9664 --QRP-L member #2499  
=A0

-----  
Date: Wed, 30 Jul 2003 14:03:18 +0000  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [155142] Re: Elmer 160: el cheapo programmer  
Message-ID: <Law9-F117ZvRETrSel80001923f@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Dale Botkin (dale@botkin.org) writes:

...  
>A couple of the frequently recurring topics are "Which programmer should I  
>buy/build", and "Why doesn't my El Cheapo programmer work?" Myke Predko,  
>the El Cheapo's originator is on the list too. It works with some  
>computers and not others, apparently depending at least in part on how  
>it's built and whether the host computer's port uses voltages in an  
>acceptable range. It seems to have been very popular, but also a source  
>of some frustration for a good number of users.  
...

I have had similar experience with other programmers. I've built a couple/few different programmers using circuits off the web (see photo in lower left of this URL for two examples:  
<http://www.geocities.com/alibhernlem/Radio/freq.html>) and most recently use Nigel Goodwin's programming software (<http://www.lpilsley.co.uk/software.htm>). One computer gave me a lot of trouble with incomplete programming (process would start and then hang because of a check error). I was able to work around it by tweeking the delay settings in Nigel's software but that doesn't give me a great deal of confidence.

This was using parallel port programming, BTW, and with a dedicated SHORT cable direct from the port to the programmer. Whether or not the length of the cable contributes to the problem, the severity of the problem did not change (improve or get worse) when I began using a switch box so that I did not have to disconnect and reconnect my printer every time that I wanted to work with PICs. It must be just something about certain parallel ports ... so be prepared for possible difficulties and look for programming software that allows maximum flexibility in selecting port settings.

Brad KG6IOE

-----  
MSN 8 helps eliminate e-mail viruses. Get 2 months FREE\*.  
<http://join.msn.com/?page=features/virus>

-----  
Date: Wed, 30 Jul 2003 08:23:38 -0600 (MDT)  
From: Brian Mileschosky <n5zgt@swcp.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [155143] Elmer 160 - Hold Ur Suggestions  
Message-ID: <Pine.GS0.4.10.10307300806080.7880-1000000@yagi.swcp.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Guys and Gals,

I'd like to echo some comments that have also been posted on this list. John is the one who has offered to provide this Elmering opportunity, and is organizing it so that we inexperienced ones can get as much out of it as possible. I know I will need as much help as I can get, because I've never dealt with a PIC before unless it was included in a kit, already programmed and ready to solder in.

While I appreciate the number of experienced people here, can we please stop posting the "You should use this instead of that," or "I found this better deal" type comments? If anything, please post them to John via private email. That way your comment/suggestion is still considered, but you also let the instructor address us (the students) the way he wants to in the course he offered to provide, without causing un-needed confusion or doubts.

Thank you again to all those who are already experienced. But now it's time to sit back and watch one such fellow teach a whole bunch of us how to become proficient with PICs and their applications. Let him steer this elmering opportunity the way he wants and let us focus on him and his method rather than 23 different PIC deals/programmers/projects/vendors/philosophies.

We PIC-newbies would very much appreciate this consideration, and then AFTERWARDS we can expand our horizons to learn more.

72,  
Brian, N5ZGT

Amateur Radio Station N5ZGT - N5ZGT PBBS, 145.01 MHz  
ARRL Life Member, NorCal #1700, QRP-L #580, AK/QRP #125  
Boy Scouts of America - Eagle Scout - ASM Troop 409  
Vigil Honor Member, O.A. Lodge 66 Yah-Tah-Hey-Si-Kess

-----

Date: 30 Jul 2003 14:34:47 +0000  
From: Paul <mooney@cytanet.com.cy>  
To: w9ya@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [155144] Re: Elmer 160  
Message-ID: <1059575687.2172.2.camel@P-and-j-mooney.at.home>  
Content-Type: text/plain  
Mime-Version: 1.0  
Content-Transfer-Encoding: 7bit

Hi Bob,

I'm running mandrake 9.1, no problems with a quick & simple programmer.

have a look at Penguin Pic'n site at:

<http://www.yty.net/pic/enindex.html>

Paul M

On Wed, 2003-07-30 at 13:09, w9ya wrote:

> Um, I am thinking about doing this course. However since I run linux will this  
> limit my participation ?

>

> Bob

> w9ya

>

>

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> >

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> > it, though, the datasheets are indispensable. The datasheet for the  
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> > pdf  
> >  
> > 73 de Dave NK0E  
>

-----  
Date: Wed, 30 Jul 2003 09:35:45 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: <qrp-1@lehigh.edu>  
Subject: [155145] Elmer 160 [Newbies, Prgmmr -- serial vs parallel ]  
Message-ID: <3.0.2.32.20030730093545.00a54910@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Dave makes some good points about devices for those who are already doing the PIC thing.

For those of us who are just getting started, maybe a parallel interface would be a better choice.

At least two reasons:

Most of the programmers of the less complicated variety [read simple] I've found are parallel port types. The following may be one reason why.

My laptop, the one I've planned on using for this exercise, doesn't have a real serial port -- it's USB only. It does have a real parallel (printer) port. This seems to be the case with most of the new low-end laptops now on the market. To do a serial port you need a USB to DB-9 type adapter and appropriate drivers installed.

So for the start-up of Elmer 160, maybe the parallel port path would be appropriate.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

-----  
Date: Wed, 30 Jul 2003 10:00:43 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: qrp-l@lehigh.edu  
Subject: [155146] Elmer 160 -- Newbie info and resources  
Message-ID: <3.0.2.32.20030730100043.00a50c40@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Browsing around for stuff the help me with the Elmer 160 series, found info and resources that may be of help to other newbies.

When learning something new, I've always found it useful to have other points of view. It often helps with situations where even the best instructor has some confusing elements in their presentation. A mental picture can often be cleared up by looking at it a different way.

<http://www.engj.ulst.ac.uk/sidk/PIC/> -- this is the University of Ulster PIC resources website. Much of it is directly related to the PIC16F84A. Beginners course with lots of info and diagrams, 16F84A data sheet from Microchip, direct link to Microchip website and lots more.

Kit 81 from <http://www.kitsrus.com> -- Might be a good after Elmer 160 project. It's available only from dealers -- A description of this kit can be found at <http://www.electronics123.com/amazon/datasheet/k81.pdf>

It's available from --  
<http://www.electronics123.com/amazon/catalogue/c3-3-7.htm>

The following product description is about 1/3 the way down the web page. Looks like a fun kit and is directly useable with Microchip free programming software.

Beginners PIC Programmer kit (picture)  
This kit is ideal for the beginner!  
The PIC16F84 has fast become the entry point for hobbyists and beginners into microcontroller programming. The kit contains all the components, PCB, hardware, instructions and software to learn and test this microcontroller. A PIC16F84A-04/P is also included. It is designed for the beginner. A program flash a test 5 LED circuit at different rates. Device is EEPROM. You can use the 16F84A over and over without the need to use a UV eraser. Attaches to the parallel printer port of your PC (The 25 pin straight



through cable is not supplied) . Runs under Windows 9x, NT or 2000. \* Software can read, erase, verify and load \* EEPROM space, program space and configuration fuses can be treated separately \* Separate erase command \* Test command to test programmer and cable \* Vpp (programming voltage) is under software control \* Powered by plug pack of 17-30VDC or 13-20VAC unregulated, at least 200mA, 2.5mm jack (not supplied). Or our power supply BB041 \* 49 page pdf manual available for download \* 16F84 programs made by other assemblers can also be used with programmer. Complete instructions in acrobat format.

Order Code: CPS81            (Basic Soldering-Kit)            Price \$15.95

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

-----  
Date: Wed, 30 Jul 2003 10:34:00 -0500  
From: w9ya <w9ya@arrl.net>  
To: n5zgt@swcp.com,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [155147] Re: Elmer 160 - Hold Ur Suggestions  
Message-ID: <200307301034.00012.w9ya@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
      charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Um, since the class hasn't started yet, AND because the qrp-l is such a good resource for looking up info at some point in the future, (I use it this wasy ALOT - I even have the cd of the archives), I welcome all the "chatter" on pics.

Bob  
w9ya

On Wednesday 30 July 2003 09:23 am, Brian Mileschosky wrote:

> Hi Guys and Gals,  
>  
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> ARRL Life Member, NorCal #1700, QRP-L #580, AK/QRP #125  
> Boy Scouts of America - Eagle Scout - ASM Troop 409  
> Vigil Honor Member, O.A. Lodge 66 Yah-Tah-Hey-Si-Kess

-----  
Date: Wed, 30 Jul 2003 10:34:33 -0500  
From: w9ya <w9ya@arrl.net>  
To: mooney@cytanet.com.cy,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [155148] Re: Elmer 160  
Message-ID: <200307301034.33674.w9ya@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Thanxs !!

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>

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>

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>

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> > w9ya

> >

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> > >

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> > > <http://www.junun.org/MarkIII/Store.jsp>

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> > > <http://www.microchip.com/download/lit/pline/picmicro/families/16f8x/30430c.pdf>  
> > >  
> > > 73 de Dave NK0E

-----  
Date: Wed, 30 Jul 2003 15:55:51 +0000  
From: k7gt@comcast.net  
To: elecraft@mailman.qth.net, qrp-1@lehigh.edu  
Subject: [155149] K1 is sold  
Message-ID: <200307301555.h6UFtsGG029884@rain.CC.Lehigh.EDU>

The Elecraft K1 recently posted F/S is now sold.

73  
Allan K7GT

Pleasanton CA

-----  
Date: Wed, 30 Jul 2003 13:12:33 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [155150] Re: s0, THE CW IS A SNAP HUH?  
Message-ID: <010001c356bd\$d052c980\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Wow, amazing...

I thought this topic was dropped and off the list!

But it seems some people just can't get enough.

I'm amazed it hasn't turned to the NCVET petition filed yesterday...

-----  
Date: Wed, 30 Jul 2003 10:03:50 -0700

From: "Steve McDonald" <jsm@gulfislands.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [155151] Web Page Update  
Message-ID: <000301c356bc\$8e36c3e0\$5e11f4cc@jrm>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have recently added a section to my Tuna Tin page describing my latest toy,  
the 'micronaut' single transistor tx. Schematics and filter info for all bands as well.  
I built mine in a cat-food tin :-)

Steve / VE7SL

'THE VE7SL RADIO NOTEBOOK' : <http://www.imagenisp.ca/jrm>  
[L.F. Loop] [Tuna Tin DX \* updated] [Crystal Radio DXing] [Maritime/Aero DX]  
[136 kHz ] [Boatanchors ]

-----  
Date: Wed, 30 Jul 2003 13:44:24 -0400  
From: Jim Eshleman <jce0@Lehigh.EDU>  
To: myetsko@insydesw.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [155152] Re: s0, THE CW IS A SNAP HUH?  
Message-ID: <3F2803F8.6030201@Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Hi Mike,

I've no problem discussing learning/retaining the code, I just don't feel we need to debate licensing requirements, band plans, politics and religion... I suppose that means discussing un-learning the code should be allowed too ;-)

73  
Jim N3VXI

-----

Date: Wed, 30 Jul 2003 13:21:09 -0500  
From: Michael Goins <mgoins@usa.net>  
To: <qrp-1@lehigh.edu>  
Subject: [155153] FOR SALE FINAL UPDATE  
Message-ID: <160HgdsVJ9456S13.1059589269@uwdvg013.cms.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: quoted-printable

Everything remaining goes to ebay later today. Thanks guys. Between teaching positions at the moment. =

FT-817 =E2=80=93 Used by previous owner for about ten contacts on 2 meters. I bought it as HF backup and have never used it on the air). Original box, and includes a factory mike with the W4RT Super Big Punch modification and the Heil HC-4 element. Checked into a dummy load and put on a shelf. =

\$600.00 OBO

FT-817 SSB filter, 2.5 KHz from Expanded Spectrum Systems. New, never installed. =

\$75.00 OBO

MFJ Hi-Q 10-30 MHz Deluxe Loop, model #1786, with control box and wall wart. Heavy =E2=80=93 Prefer Houston area pick only =

\$250.00 OBO

Grundig Traveler SW Receiver, TR-II digital model, original box =

\$75.00 OBO

Please reply direct only. Plus shipping. Thanks.

72,  
mike  
wb5yjx  
100% Solar station: SW20+, SW30+, NE4040, RockMite40  
Mobile: FT-817 @ 1 watt, CW and SSB

QRP-ARCI 3922 (former managing editor, QRP Quarterly), =

SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810,  
Alaska QRP 514, QCWA 30857

"Share what you know, learn what you don't."

-----  
Date: Wed, 30 Jul 2003 18:31:26 -0000  
From: "Dale Botkin" <dale@botkin.org>  
To: "Bruce Muscolino" <w6toy@erols.com>, <dale@botkin.org>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [155154] Re: s0, THE CW IS A SNAP HUH?  
Message-ID: <200307301831.h6UIVQod020870@madmax.botkin.org>

Bruce Muscolino <w6toy@erols.com> said:

>  
> Painful? The correct answer is it was the gentlemanly thing to do. You  
> had a choice of making that contact, you could have tuned away and not  
> responded if you thought it would be painful. I think a true ham will  
> take on any contact. There are others who need practice too.

Oh, I totally agree. I was \*looking\* for QRS contacts. I make it a point to  
slide up to the Novice segment of 40 meters from time to time, set the keyer  
for a fairly low speed and work some guys who are in the same boat I was in  
less than a year ago. I always let 'em know I'm QRP, too, but only \*after\* I  
get the signal report! Never hurts to sow the seeds, you know.

--  
73,  
Dale - NOXAS

-----  
Date: Wed, 30 Jul 2003 13:31:35 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <qrp-l@Lehigh.EDU>  
Subject: [155155] Austin Summerfest QRP events, time change on dinner Fri.

Message-ID: <004d01c356c8\$cec6aa40\$4e100a0a@rohredt2000>

The restaurant requested we get there at 6:30 PM, so please note the QRP dinner change of time! Please RSVP to k5kvh@arrl.net TODAY if you have not done so.

Thanks!

Austin Texas Summer Ham Radio Tx State convention and swapmeet:

Subject: Summerfest Radio Convention QRP Forum this coming Sat., dinner Fri.

> Summerfest ham swap and convention is upon us!

>

> We have three outstanding speakers: This is from 1 PM to 3 PM Sat.

> afternoon at the Red Lion meeting rooms (see Summerfest web site).

>

> Our own John Fisher speaking on his latest micro controller application and

> board for video titles for your QRP ATV or other video application.

>

> Then, we have Ron Sparks from Houston QRP club, and fresh from Ft. Tuthill

> QRP convention, and the ARRL National Ham Com, speaking on Switching Power

> Supplies for QRP.

>

> Finally, we have Austin ham and QEX author Gerald Youngblood, speaking on his QRP rig, which is a Software Defined Radio for the Masses, as described

> in "QEX" magazine. Gerald has just received the prestigious Doug Demaw,

> W1FB, Technical Excellence Award for his Software Defined Radio series of

> papers. Come see what 3 little boards stacked and a computer can do for

> you.

>

> Full convention details are on the Summerfest web site, linked from

> Austinhams.org web site.

>

> And as traditionally, the convention opens Fri. evening at 5 PM. After we

> peek at the opening of the indoor swap fest, we will adjourn to the La

> Palapa restaurant east of the Hotel, and just east of Cameron Rd/ 290

> intersection, on the same side as the Red Lion Hotel. Meet at the

> restaurant at 6:30 PM for fun and fellowship, and food.

>

> Hope to see you Fri., and please RSVP to me for the dinner. Hope to see you

> Sat. at the convention.

For complete convention info go to Summerfest link at <[www.austinhams.org](http://www.austinhams.org)>



Stuart  
K5KVH

-----  
Date: Wed, 30 Jul 2003 16:01:25 -0400  
From: kwiike@gdls.com  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [155156] Re: s0, THE CW IS A SNAP HUH?  
Message-ID: <0FAA294C2A.544BE06E-0N85256D73.006CE02C@gdls.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

Some of my most enjoyable and memorable QSO's have been in the old novice segments of 40 and 15. Some of the CW can be bad but at least they are out there trying. Some of the CW can be very very good because they still care about the quality of their fits and have not learned any bad habits yet. Do yourself and Ham Radio a favor and do some QRSing down to 5 or 10 WPM. Saturday afternoons seem to be the best time.

Ed AB8DF

-----  
Date: Wed, 30 Jul 2003 16:41:15 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <jce0@lehigh.edu>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [155157] Re: s0, THE CW IS A SNAP HUH?  
Message-ID: <006101c356db\$2e92b920\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> I've no problem discussing learning/retaining the code, I just don't  
> feel we need to debate licensing requirements, band plans, politics and  
> religion... I suppose that means discussing un-learning the code should  
> be allowed too ;-)

Hmm, I suppose I was a bad boy then. Posting the way I did. Sorry.

I wouldn't have considered it at all except that the NCVEC petition makes no mention of 'reserved CW' space...

Mike

-----  
Date: Wed, 30 Jul 2003 17:18:48 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <jce0@lehigh.edu>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [155158] Unlearning CW IS A SNAP HUH?  
Message-ID: <008701c356e0\$2ba80300\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> I suppose that means discussing un-learning the code should  
> be allowed too ;-)  
>  
> 73  
> Jim N3VXI

So... how do you break the bad habits? You know, the ones that you  
picked up when you originally memorized the characters and did a  
5WPM 'mental lookup', just to pass the test.

I know, I know, if you learn it 'right', you don't have the bad. But the  
problem remains that for a lot of us, we learned at a time where you had  
to get to 5wpm first, get in the door, THEN worry about speeding up.  
If you learned 'right', you'd probably be faster not, but it took longer  
to  
get through the door in the first place.

Mike

-----  
Date: Wed, 30 Jul 2003 21:18:45 GMT  
From: hamjoel@juno.com  
To: qrp-l@Lehigh.EDU, fpqrp-l@mpna.com  
Subject: [155159] about that SNAP CW  
Message-ID: <20030730.141932.754.460005@webmail06.lax.unttd.com>  
Mime-Version: 1.0  
Content-Type: text/plain

HIGH Y'ALL

ah wasn't trying to debate or start a debate heah... just trying to point out... wheather u loves or hates cw... it takes an effort to learn and has to be nurtured regularly or ur speed generally goes to pot..

Granted thair bees some exceptions to the rule and some learn the cw in ah hour or a few days ... however most of us needed to decide we "wanted to learn" and then back that up with "effort and time" and after learing the basic necessities...we found we needed to operate on cw from time to time or loose our ease of copy at whatever speed we liked...

so far every post has verified that cw takes time and effort... and like, to me, anyhow.... like kit building .... or low power operations... some gonna think its the onliest thing to do... and some gonna hate it...

I can't see it going down that much in popularity... cause its fun, and darn useful.... and look at all the qrp cw kits u can build... its gonna be around a long long time in amateur use, i think...

Which reminds me, ah gots a rockmite 30 to build.... fun time is about to start heah, for sheaux...

KE1LA JOEL  
IN MAINE  
FREEZIN

-----  
The best thing to hit the internet in years - Juno SpeedBand!  
Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

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End of QRP-L Digest 2997

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